

Title (en)
HYBRID THIN-FILM BATTERY

Title (de)
HYBRID-DÜNNFILMBATTERIE

Title (fr)
BATTERIE HYBRIDE EN COUCHE MINE

Publication
EP 1961060 A4 20101229 (EN)

Application
EP 06827875 A 20061117

Priority

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- US 75947906 P 20060117
- US 78279206 P 20060316

Abstract (en)
[origin: WO2007061928A2] An electrochemical device is claimed and disclosed wherein certain embodiments have a cathode greater than about 4µm and less than about 200µm thick; a thin electrolyte less than about 10µm thick; and an anode less than about 30µm thick. Another claimed and disclosed electrochemical device includes a cathode greater than about 0.5µm and less than about 200µm thick; a thin electrolyte less than about 10µm thick; and an anode less than about 30µm thick, wherein the cathode is fabricated by a non-vapor phase deposition method. The electrochemical device may also include a substrate, a current collector, an anode current collector, encapsulation and a moderating layer.

IPC 8 full level
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H01M 4/02 (2013.01 - KR); **H01M 4/04** (2013.01 - KR); **H01M 4/0404** (2013.01 - EP); **H01M 4/139** (2013.01 - EP); **H01M 4/48** (2013.01 - KR); **H01M 4/62** (2013.01 - EP); **H01M 4/667** (2013.01 - EP); **H01M 10/0525** (2013.01 - EP); **H01M 10/0562** (2013.01 - EP); **H01M 10/058** (2013.01 - EP); **H01M 10/38** (2013.01 - KR); **H01M 6/40** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Citation (search report)

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